

## ABSTRACT

A communications system includes a wireless access network that is coupled to a packet-based data network. Packet-based calls may be established between a mobile station coupled to the wireless access network and a network endpoint coupled to the data network. For efficient call setup and call release, call control signaling, such as Session Initiation Protocol (SIP) messages and Resource Reservation Protocol (RSVP) messages, are carried in traffic channels over the wireless access network.